

## Claims

1. A device for pressing a dressing (01) against a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein the rolling elements (31, 32) can be placed against or away from the cylinder (02), characterized in that a first support (22) having a first end (23) and a second end (24), and a second support (26) having a first end (27) and a second end (28) are provided, wherein the first end (23) of the first support (22) is fixedly connected with a cross arm (21) extending along the cylinder (02), and at least one first rolling element (31) is arranged on the second end (24) of the first support (22), and wherein the first end (27) of the second support (26) is fixedly connected with the second end (24) of the first support (22), and at least one second rolling element (32) is arranged on the second end (28) of the second support (26), wherein a first actuating means (33) acting on the first support (22), and a second actuating means (34) acting on the second support (26) are provided for placing the rolling elements (31, 32) against or moving them away from the cylinder (02).

2. The device in accordance with claim 1, characterized in that the first and the second actuating means (33, 34) can be actuated independently of each other.

3. The device in accordance with one of the preceding claims, characterized in that each of the supports (22, 26) is an elastically bendable body.

4. The device in accordance with claim 3, characterized in that the supports (22, 26) are embodied in the shape of a blade.

5. The device in accordance with claim 3, characterized in that each of the supports (22, 26) is a resilient sheet metal piece (22, 26).

6. The device in accordance with one of the preceding claims, characterized in that the first support (22) and the second support (26) are arranged layered on top of each other.

7. The device in accordance with one of the preceding claims, characterized in that the first end (27) of the second support (26) terminates flush with the second end (24) of the first support (22).

8. The device in accordance with one of the preceding claims, characterized in that the second support (26) is longer than the first support (22).

9. The device in accordance with claim 8, characterized in that the excess projection of the second support (26) in comparison with the first support (22) is so great that, in the non-actuated state of the second actuating means (34), the second rolling element (32) arranged on the second end (28) of the second support (26) can be positioned laterally beside the cross arm (21) without touching the cross arm (21).

10. The device in accordance with one of the preceding claims, characterized in that the actuating means (33) acting on the first support (22) is supported on a stop (29), which is fixedly connected with the cross arm (21) or formed on it there.

11. The device in accordance with one of the preceding claims, characterized in that the actuating means (34) acting on

the second support (26) is arranged between the first support (22) and the second support (26) and is supported on the first end (23) of the first support (22), which is connected with the cross arm (21).

12. The device in accordance with one of the preceding claims, characterized in that each of the actuating means (33, 34) is embodied as a reversibly deformable hollow body, which can be charged with a pressure medium.

13. The device in accordance with one of the preceding claims, characterized in that the rolling elements (31, 32) are designed as a roll or a roller.

14. The device in accordance with one of the preceding claims, characterized in that a plurality of first supports (22), each with at least one rolling element (31), is arranged side-by-side on the cross arm (21), wherein these first rolling elements (31) can be placed against or moved away from the cylinder (02) independently of each other either individually or in groups by first actuating means (33) assigned to their supports (22).

15. The device in accordance with one of the preceding claims, characterized in that a plurality of second supports (26), each with at least one second rolling element (32), is arranged side-by-side on the first support (22), wherein these second rolling elements (32) can be placed against or moved away from the cylinder (02) independently of each other either individually or in groups by second actuating means (34) assigned to their supports (26).

16. The device in accordance with one of the preceding claims, characterized in that a roller (31) extending along the cylinder (02) and several second supports (26) with at least one roller (32) are arranged on the first support (22)

17. The device in accordance with one of the preceding claims, characterized in that the cylinder (02) has a plurality of dressings (01) side-by-side in the axial direction, wherein a second support (26) with at least one second rolling element (32) is assigned to each dressing (01).

18. A device for pressing a dressing (01) against a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein several dressings (01) can be arranged side-by-side in the axial direction on the cylinder (02), wherein pressing elements (31, 32) assigned to a dressing (01) can be placed against or removed from the cylinder (01) independently of pressing elements (31, 32) assigned to another dressing (01), characterized in that the pressing elements (31, 32) are designed as rolling elements.

19. The device in accordance with claim 18, characterized in that in the course of the rotation of the cylinder (02) the rolling elements (31, 32) are at least partially placed against it.

20. A device for pressing a dressing (01) against a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein several first rolling elements (31), as well as several second rolling elements (32) are provided in the axial direction of the cylinder (02), and the second rolling elements (32) are arranged spaced apart from the first rolling elements

(31) in the circumferential direction of the cylinder (02), wherein several dressings (01) can be arranged side-by-side in the axial direction on the cylinder (02), characterized in that individual ones or groups of second rolling elements (32) can be placed against the cylinder (02) or moved away from it independently of individual ones or groups of first rolling elements (31).

21. The device in accordance with claim 20, characterized in that all first rolling elements (31) are placed against and the second rolling elements (32) are partially placed against or moved away from the cylinder.

22. The device in accordance with claim 20, characterized in that all first rolling elements (31) are placed against, and the second rolling elements (32) are placed against or moved away from the cylinder.

23. A method for clamping a flexible dressing (01) on a cylinder (02) of a printing press with the aid of rolling elements (31, 32), which are arranged spaced apart in the circumferential direction of the cylinder (02), wherein the dressing (01) has suspension legs (03a, 03b) beveled off its ends, wherein the cylinder (02) has at least one opening (07) with a first wall (04) and a second wall (17) cut into its shell face (06), wherein the opening (07) leads to a channel (08) arranged in the cylinder (02), having a holding device arranged therein with a holding means (12), wherein the holding means (12) has a holding position and a release position, characterized by the following method steps:

the suspension leg (03a) at the leading edge of the dressing (01) is introduced into the opening (07),

- both rolling elements (31, 32) are placed against the cylinder (02),
- the second rolling element (32) presses the suspension leg (03b) at the trailing end of the dressing (01) into the opening (07),
- the holding means changes from its release position into its holding position.

24. The method in accordance with claim 23, characterized in that the rolling elements (31, 32) are moved away from the cylinder (02) after the holding means (12) has changed from its release position into its holding position.

25. The method in accordance with claim 23 or 24, characterized in that the suspension leg (03b) at the trailing end of the dressing (01) reaches the opening (07) in the shell face (06) because of the rotation of the cylinder (02) in the production direction (P).

26. A method for releasing a flexible dressing (01) from a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein a first rolling element (31) and a second rolling element (32) are provided and both rolling elements (31, 32) are arranged spaced apart from each other in the circumferential direction of the cylinder (02), wherein several dressings (01) can be arranged side-by-side in the axial direction on the cylinder (02), wherein each dressing (01) has suspension legs (03a, 03b) beveled off its ends, wherein the cylinder (02) has at least one opening (07) with a first wall (04) and a second wall (17) cut into its shell face (06), wherein the opening (07) leads to a channel (08) arranged in the cylinder (02), having a holding device arranged therein with a holding means (12), wherein

the holding means (12) has a holding position and a release position, characterized by the following method steps:

- the rolling elements (31, 32) are placed against at least one dressing (01) to be clamped, which rests on the cylinder (02),
- as soon as the second rolling element (32) placed against the dressing (01) to be clamped is located at the opening (07) or near the opening (07), the second rolling element (32) is moved away from the cylinder (02),
- the holding means changes from its holding position into its release position.

27. The method in accordance with claim 26, characterized in that the suspension leg (03b) at the trailing end of the dressing (01) to be released is automatically released from the opening (07) after the holding means (12) has changed from its holding position into its release position.

28. The method in accordance with claim 27, characterized in that the holding means (12) changes into its holding position after the suspension leg (03b) at the trailing end of the dressing (01) to be released has been released from the opening.

29. The method in accordance with claim 27 or 28, characterized in that the rolling elements (31, 32) are moved away from the cylinder (02).

30. The method in accordance with one of claims 26 to 29, characterized in that the cylinder (02) is rotated opposite its production direction (P) until the suspension leg (03) at the leading edge of the dressing (01) to be released can be dislodged from the opening (07).

31. A method for releasing a flexible dressing (01) from a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein a first rolling element (31) and a second rolling element (32) are provided and both rolling elements (31, 32) are arranged spaced apart from each other in the circumferential direction of the cylinder (02), wherein several dressings (01) can be arranged side-by-side on the cylinder (02), wherein each dressing (01) has suspension legs (03a, 03b) beveled off its ends, wherein the cylinder (02) has at least one opening (07) with a first wall (04) and a second wall (17) cut into its shell face (06), wherein the opening (07) leads to a channel (08) arranged in the cylinder (02), having a holding device arranged therein with a holding means (12), wherein the holding means (12) has a holding position and a release position, characterized by the following method steps:

- all first rolling elements (31) are placed against the cylinder (02) as soon as the second rolling element (32) is located above the opening (07) or near the opening (07),
- the holding means (12) changes into its release position,
- except for the trailing end of the dressing (01) to be released, all second rolling elements (32) are placed against the cylinder (02),
- the holding means changes into its holding position.

32. The method in accordance with claim 31, characterized in that all rolling elements (31, 32) are moved away from the cylinder (02) after the holding means (12) has changed from its holding position into a release position.

33. The method in accordance with claim 32, characterized in that the cylinder (02) rotates opposite its production direction (P) until the suspension leg (03a) at the leading edge



of the dressing (01) to be removed can be dislodged from the opening (07).

34. The method in accordance with claim 31, characterized in that the suspension leg (03b) at the trailing end of the dressing (01) to be released is automatically released from the opening (07) after the holding means (12) has changed from its holding position into its release position wherein, however, the dressings (01) remain fixed in place on the cylinder (02) by means of the first rolling element (31).

35. The method in accordance with claim 31, characterized in that except for the dressing (01) to be removed, the suspension leg (03b) at the trailing ends of all other dressings (01) are again inserted into the opening (07) by placing the second rolling elements (32) against the cylinder (02).

36. The method in accordance with claim 31, characterized in that the dressings (01) are pressed against the shell face (06) of the cylinder (02) at a distance corresponding to the distance between the rolling elements (31, 32).

37. A method for releasing a flexible dressing (01) from a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein a first rolling element (31) and a second rolling element (32) are provided and both rolling elements (31, 32) are arranged spaced apart from each other in the circumferential direction of the cylinder (02), wherein several dressings (01) can be arranged side-by-side in the axial direction on the cylinder (02), wherein each dressing (01) has suspension legs (03a, 03b) beveled off its ends, wherein the cylinder (02) has at least one opening (07) cut into its shell face (06) having

a holding device with a holding means (12) arranged therein, wherein the holding means (12) has a holding position and a release position, characterized by the following method steps:

- the rolling elements (31, 32) are placed against all dressings (01) placed side-by-side in the axial direction on the cylinder (02),

- the holding means changes from its holding position into its release position as soon as the second rolling element (32) is located on the opening (07) or in the vicinity of the opening (07) in which the trailing end of the dressing (01) to be released is held.

38. The method in accordance with claim 37, characterized in that the second rolling element (32) at the trailing end of the dressing (01) to be released is moved away from the cylinder (02), because of which the suspension leg of this dressing (01) is released from the opening (07).

39. The method in accordance with claim 38, characterized in that the cylinder (02) rotates opposite its production direction (P) until the suspension leg (03a) at the leading edge of the dressing (01) to be removed can be dislodged from the opening (07).

40. The method in accordance with claim 38, characterized in that the holding means (12) changes from its release position into its holding position and all rolling elements (31, 32) are moved away from the cylinder (02).

41. A device for pressing a dressing (01) against a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein several first rolling elements (31), as well as

several second rolling elements (32) are provided in the axial direction of the cylinder (02), and the second rolling elements (32) are arranged spaced apart from the first rolling elements (31) in the circumferential direction of the cylinder (02), wherein several dressings (01) can be arranged side-by-side in the axial direction on the cylinder (02), characterized in that individual ones or groups of second rolling elements (32) are placed against the cylinder (02) or moved away from it independently of individual ones or groups of first rolling elements (31).

42. A device for pressing a dressing (01) against a cylinder (02) of a printing press with the aid of rolling elements (31, 32), wherein several first rolling elements (31), as well as several second rolling elements (32) are provided in the axial direction of the cylinder (02), and the second rolling elements (32) are arranged spaced apart from the first rolling elements (31) in the circumferential direction of the cylinder (02), wherein several dressings (01) can be arranged side-by-side in the axial direction on the cylinder (02), characterized in that individual ones or groups of first rolling elements (32) are placed against the cylinder (02) or moved away from it independently of individual ones or groups of second rolling elements (31).

43. The method in accordance with one of claims 23 to 42, characterized in that the rolling elements (31, 32) are placed against or away from the cylinder (02) by pneumatically operable actuating means (33, 34).